



# **Security Automation**

***“To infinity...and BEYOND!”***

**Tony Sager**  
**Chief, Vulnerability Analysis & Operations Group**  
**Information Assurance Directorate**  
**National Security Agency**

**The Security Automation Workshop**  
**September 2008**



# The VAO Group



- ***We Discover and Analyze*** vulnerabilities...
  - in the core concepts of security
  - in emerging technologies and products
- ***We conduct operations to find vulnerabilities...***
  - in the operational environment (networking, signals, space...);
  - as revealed thru content
- ***We Translate*** vulnerability knowledge...
  - into summaries, trends, root cause.
- ***We Lead*** the Community...
  - in the improvement of security practice;
  - in guidance, training, education, and standards development.



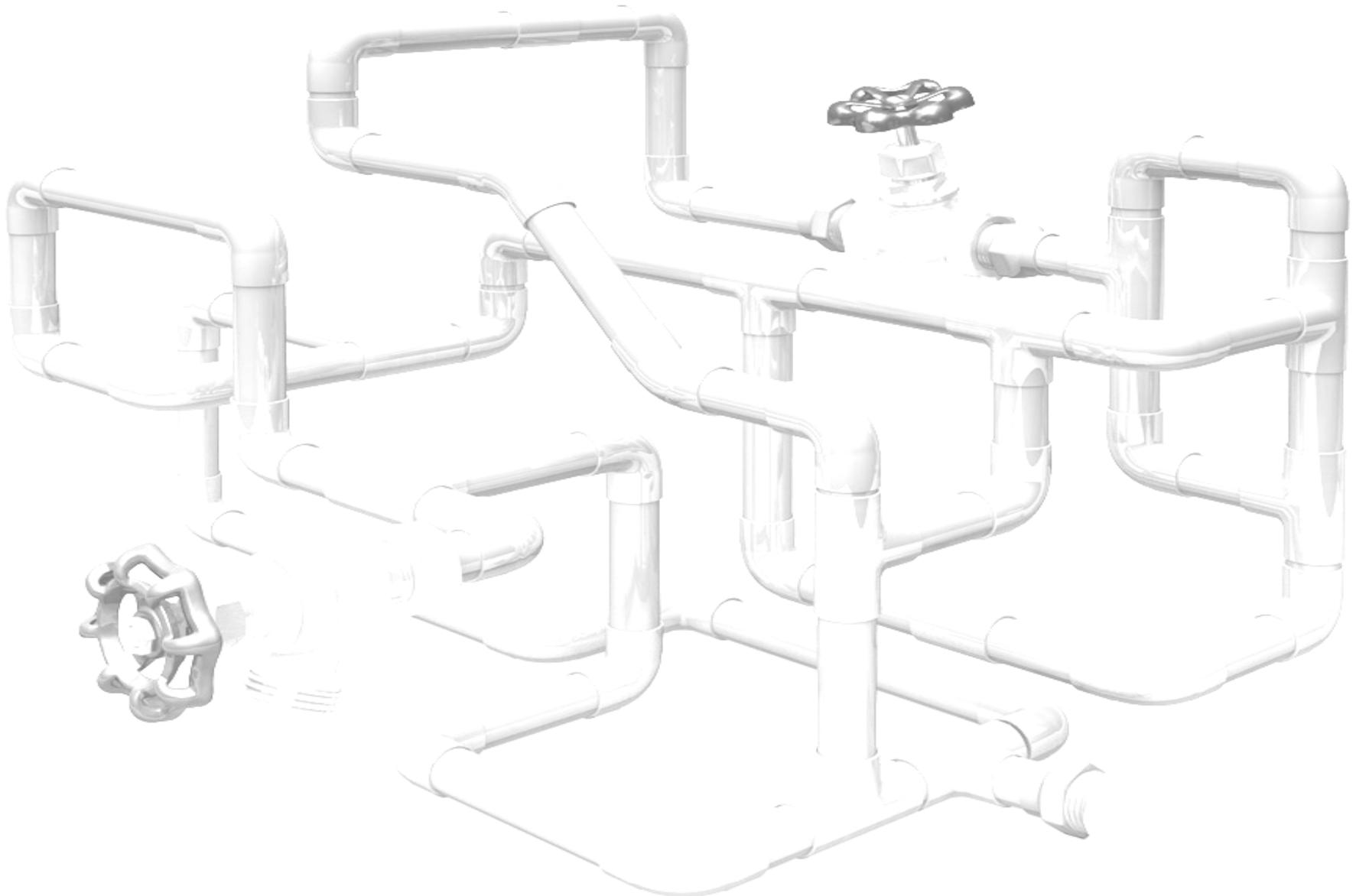
**“Every computer in the DoD is configured as securely as possible, all of the time, and the right people know that this is so (or not so).”**

**Lt. Gen Harry Raduege**

**former DIR DISA and CMDR JTF/GNO**



# Vulnerability “Plumbing”





# E BENEZER

United Methodist Church



STEWARTSIGNS.COM

SUN. WORSHIP  
8:30AM & 11:00AM

SUN. SCHOOL  
9:45AM

PHONE  
410-795-6136

JUDITH A. EMERSON  
*Pastor*

**BLESSED  
ASSURANCE**